

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004457

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01R33/385

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, COMPENDEX, INSPEC, BIOSIS, EMBASE, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 063 535 A (YOKOGAWA MEDICAL SYST) 27 December 2000 (2000-12-27) paragraph '0004! - paragraph '0051! figures 1,8,9	1,3-14, 17-19
X	US 2002/171424 A1 (MORICH MICHAEL A ET AL) 21 November 2002 (2002-11-21) paragraph '0033! - paragraph '0052!	1-19,21
X	MORRELL G ET AL: "DYNAMIC SHIMMING FOR MULTI-SLICE MAGNETIC RESONANCE IMAGING" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 38, no. 3, September 1997 (1997-09), pages 477-483, XP000699722 ISSN: 0740-3194 Sections "Introduction", "Methods"	1,3-14, 17-19
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Streif, J

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004457

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 208 140 B1 (GEBHARDT MATTHIAS ET AL) 27 March 2001 (2001-03-27) column 2, line 6 - column 5, line 6 figures 3-5	1-19,21
X	US 6 297 635 B1 (GEBHARDT MATTHIAS ET AL) 2 October 2001 (2001-10-02) column 2, line 16 - column 5, line 8 figures 1-8	1-19,21
X	US 2003/023157 A1 (GEBHARDT MATTHIAS) 30 January 2003 (2003-01-30) paragraph '0010! - paragraph '0029!	1,3-14, 17-19
X	US 6 515 478 B1 (HEID OLIVER ET AL) 4 February 2003 (2003-02-04) column 2, line 11 - column 7, line 55	1,3-14, 17-19
X	US 6 515 479 B1 (GEBHARDT MATTHIAS ET AL) 4 February 2003 (2003-02-04) column 2, line 21 - column 4, line 50 figures 1,2	1-21
A	WO 99/54747 A (MORRIS PETER GORDON ; BTG INT LTD (GB); JAMEA ABDULLAH HUSSIEN (SA)) 28 October 1999 (1999-10-28) page 15, line 16 - page 36, line 15	1-21

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004457

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1063535	A	27-12-2000	JP 3236274 B2 JP 2001000416 A CN 1286961 A EP 1063535 A2 US 6359436 B1	10-12-2001 09-01-2001 14-03-2001 27-12-2000 19-03-2002
US 2002171424	A1	21-11-2002	EP 1373917 A1 JP 2004527294 T WO 02075345 A1	02-01-2004 09-09-2004 26-09-2002
US 6208140	B1	27-03-2001	DE 19851583 A1	18-05-2000
US 6297635	B1	02-10-2001	DE 19851584 C1 GB 2347505 A ,B JP 2000139875 A	20-04-2000 06-09-2000 23-05-2000
US 2003023157	A1	30-01-2003	DE 10132593 C1	20-02-2003
US 6515478	B1	04-02-2003	DE 19931210 A1 JP 2001037738 A	25-01-2001 13-02-2001
US 6515479	B1	04-02-2003	DE 19913124 C1 JP 2000271102 A	26-10-2000 03-10-2000
WO 9954747	A	28-10-1999	CA 2329006 A1 EP 1071964 A1 WO 9954747 A1 JP 2002512098 T US 2003052679 A1	28-10-1999 31-01-2001 28-10-1999 23-04-2002 20-03-2003